

Lake District National Park

Forecast valid from 00:00 on Monday 27 Feb 2023 until 23:59 on Tuesday 28 Feb 2023

Forecast Issued on Sunday 26 Feb 2023 at 11:52

Confidence: High for relatively settled weather, medium for cloud and any shower details.

Headline for Monday 27 Feb 2023: Mainly cloudy, patchy summit fog, perhaps the odd very light shower or snow flurry. Fresh northeasterly breeze on the tops.

Mountain weather hazards on Monday 27 Feb 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Dull	Dull	Dull	Dull	Dull
Precipitation probability							
<05%	10%	10%	10%	10%	10%	20%	10%

Forecast for Monday 27 Feb 2023

Weather: Mostly cloudy, with just a few bright or sunny intervals. Generally dry but with the ongoing chance of one or two brief light showers which would bring snow flurries above 600m.

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Cloud may occasionally dip on to the summits above 800m. Away from the cloud visibility will remain good, with the showers not heavy enough to reduce this.

Forecast for Monday 27 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 NE	15/19 NE	16/21 NE	16/21 NE	17/23 NE	15/20 NE	15/20 NE	17/23 NE	15/20 NE
600	12/17 NE	10/15 NE	12/18 NE	13/18 NE	13/18 NE	13/18 NE	12/18 NE	14/21 NE	12/18 NE
300	4/13 NE	5/13 NE	6/15 NE	6/15 NE	7/15 NE	7/15 NE	5/14 NE	6/16 NE	5/14 NE
Valley	7/16 NE	7/13 NE	8/16 NE	8/15 NE	7/14 NE	7/13 NE	7/15 NE	7/15 NE	9/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-9	-2/-8	-3/-9	-2/-9	-1/-8	-0/-6	-1/-6	-2/-8	-2/-7
600	-0/-5	-1/-5	-1/-6	-0/-5	1/-4	2/-2	2/-3	1/-4	0/-4
300	2/-0	1/-1	1/-2	2/-0	4/2	5/3	4/2	3/1	2/0
Valley	4/2	4/1	4/0	5/2	7/4	8/6	7/4	6/4	5/2
Freezing Level*	600m	500m	500m	500m	600m	700m	800m	700m	600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Note the low feels like temperatures at height.

Forecast for Tuesday 28 Feb 2023

Weather: Another rather cloudy day with the chance of a light shower or snow flurry.

Maximum wind: Northeast 20 gusts 30mph

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Cloud occasionally down to 800m with mainly good visibility underneath, just some slight haziness near showers.

Temperature: **Valleys:** Plus 4 rising to Plus 7 Celsius.

At 800m: 0 Celsius.

Freezing level: 700m

Ground Conditions Supplement

Date: Sunday 26 February Location: Helvellyn summit at 12:27 Temperature: minus 1.5C Maximum wind speed 17.3mph Wind chill: minus 9.3C Average wind speed: 13.6mph.

Full report: Another cold and generally clear day with good visibility and moderate winds over high and exposed ground. Despite a few light snow showers yesterday, the Lakeland fells remain almost entirely snow-free. There are a few old patches of snow clinging on around corrie rims on Helvellyn and the surrounding fells. These are generally on steep north and east-facing slopes above 900m and are not in places where walkers are likely to venture. A colder north and easterly airflow has been dominating in the last few days and is forecast to remain that way in the coming days. It is below freezing point on many of the higher tops and the windchill (feels-like) temperature is well into minus figures. The ground is partially frozen above roughly 700m and there is also a coating of rime ice over many rocky surfaces and some verglas (black ice) in places. Similar conditions are expected tomorrow with very little precipitation in the forecast. Although unlikely, it is possible that more snow will fall overnight and anyone heading out tomorrow should be prepared for this. Full winter clothing (warm and waterproof) including hats and gloves, a map, compass, and headtorch are all essential.

Issued at: 1152 on Sun 26 Feb 2023